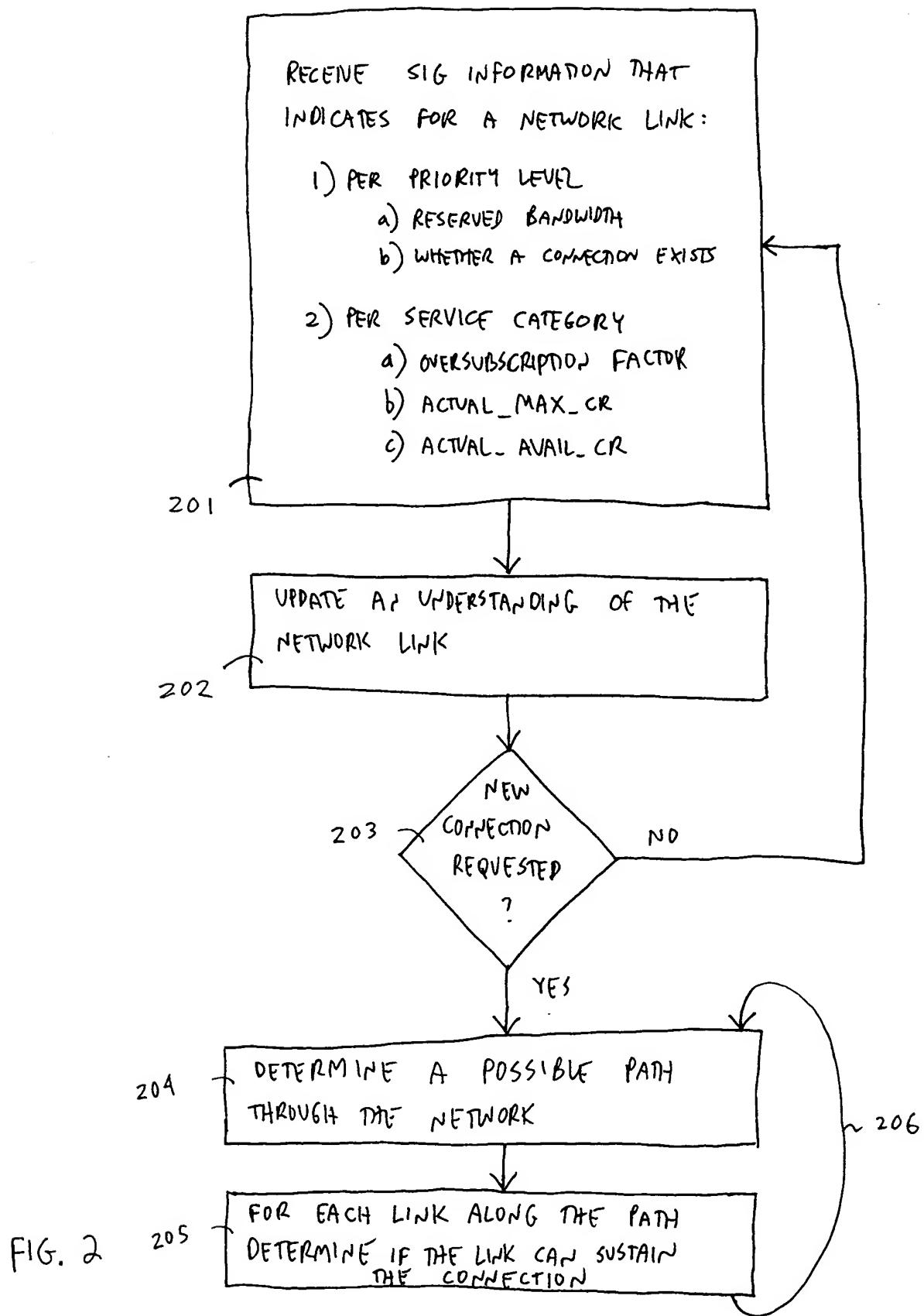


FIGURE 1



300_1 300_2 300_3

↓ ↓ ↓

PRIORITY	RESERVED BANDWIDTH	CONNECTION PRESENT?
1		
2		
3		
⋮		
N		

300

~

301_1 301_2 301_3 301_4

SERVICE CATEGORY	OVERSUBSCRIPTION FACTOR	ACTUAL_MAX_CK	ACTUAL_AVAIL_CK
CBR			
VBR-rt			
VBR-nrt			
ABR			
UBR			

↑ ↑ ↑ ↑

FIG. 3

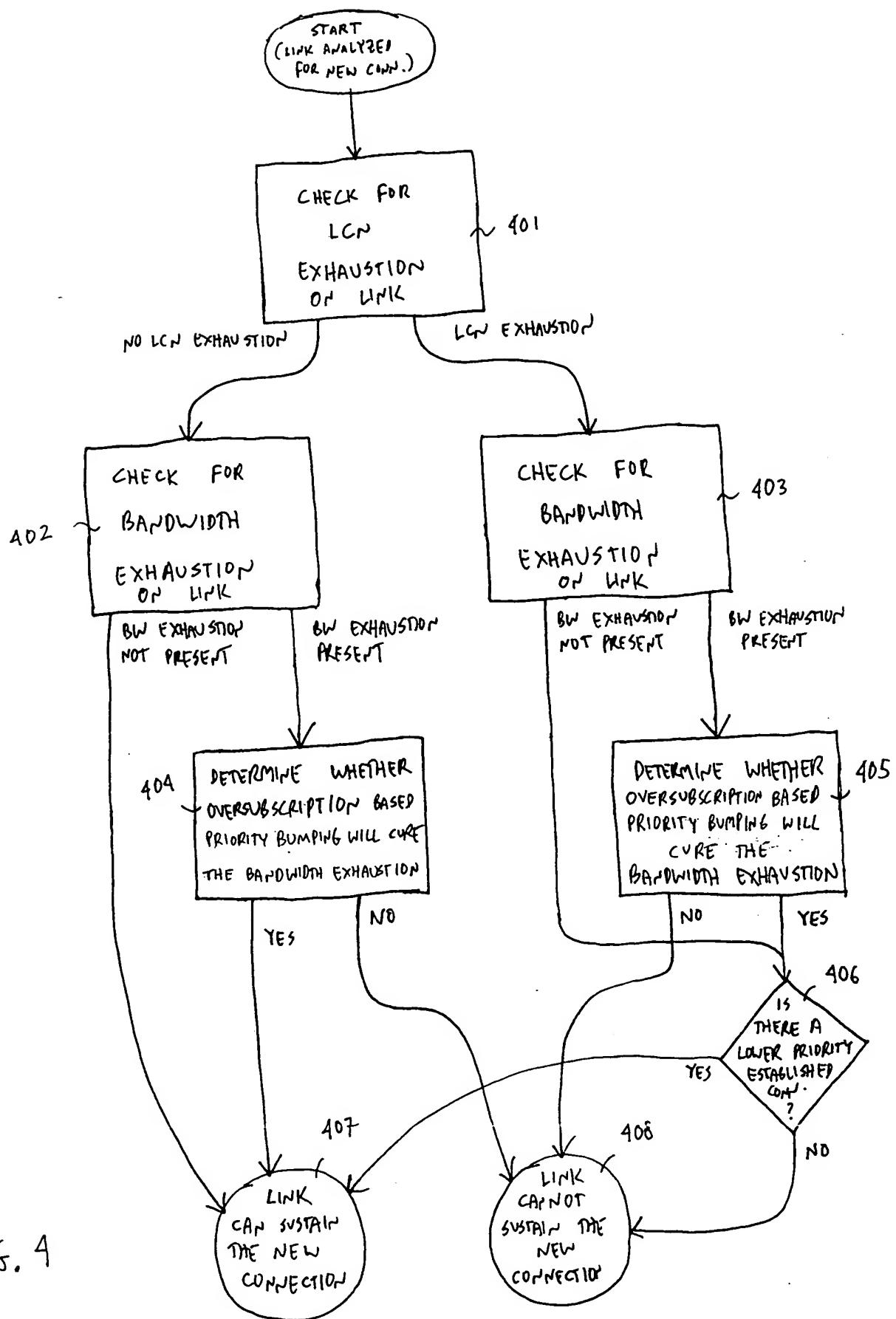


FIG. 4

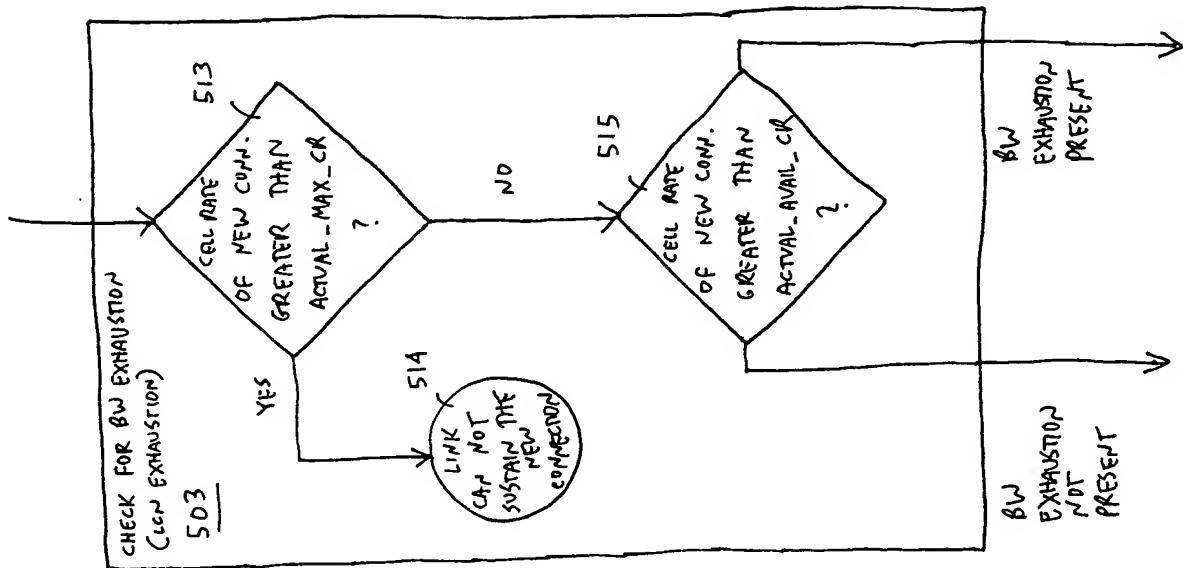


Fig. 5B

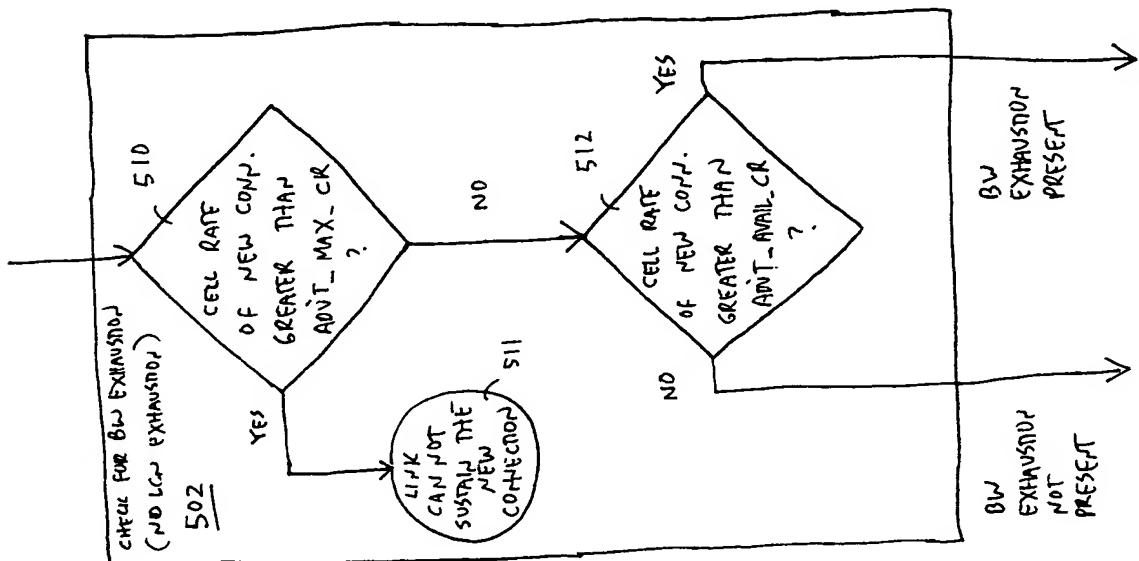


Fig. 5A

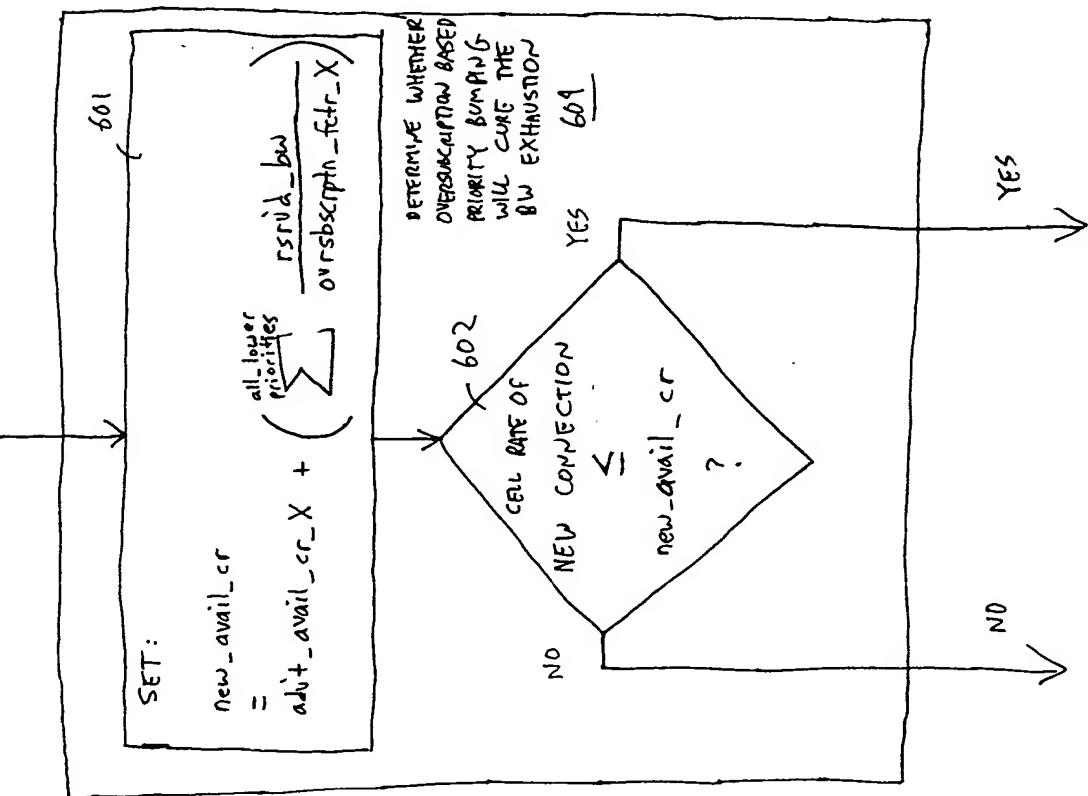


FIG. 6A

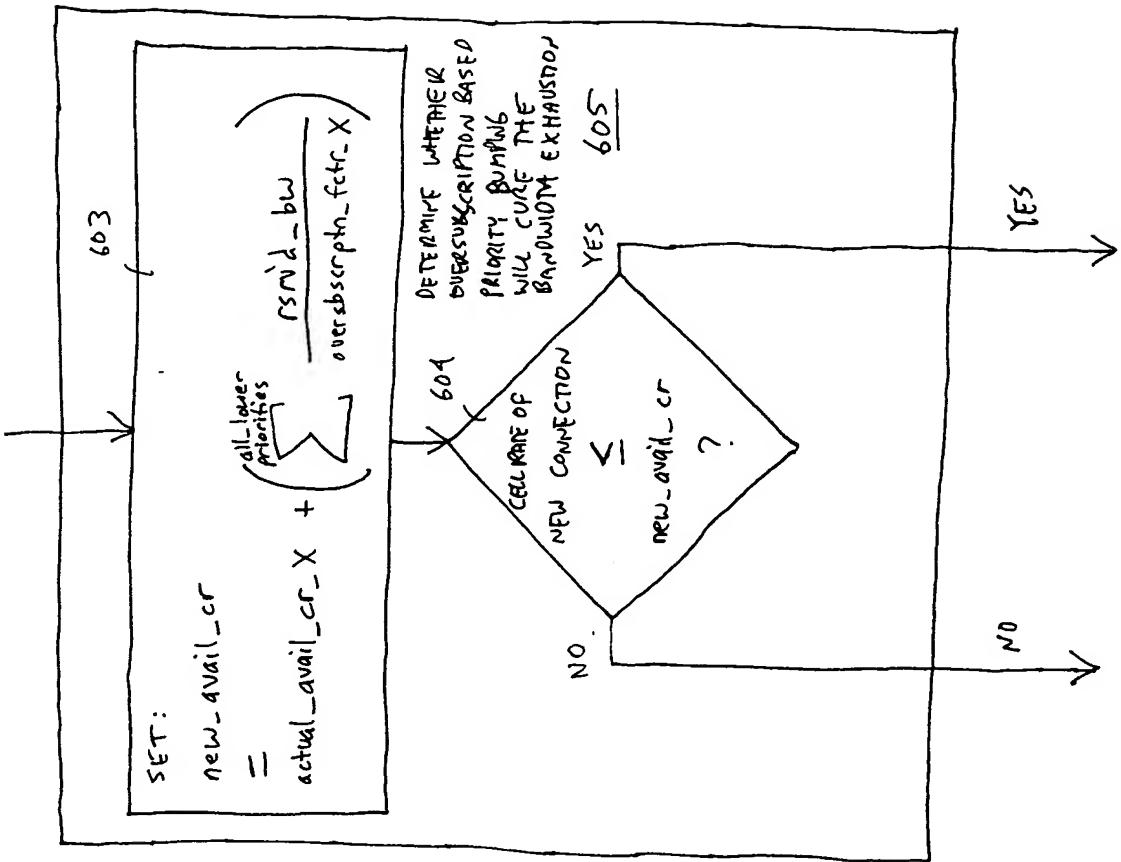


FIG. 6B

700_1 \downarrow 700_2 \downarrow 700_3 \downarrow
 ACTUAL MAXIMUM
 LINK CAPACITY = 155 Mb/s

PRIORITY	RESERVED BANDWIDTH (Mb/s)	CONN. PRESENT?
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	25	1
7	75	1
8	25	1
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0

700_2
 advt_max_cr_cbr = 183 Mb/s
 advt_max_cr_vbr_rt = 163 Mb/s
 advt_max_cr_vbr_nrt = 163 Mb/s
 advt_max_cr_abr = 163 Mb/s

700_3
 advt_avail_cr_cbr = 36.0 Mb/s
 advt_avail_cr_vbr_rt = 31.5 Mb/s
 advt_avail_cr_vbr_nrt = 31.5 Mb/s
 advt_avail_cr_abr = 31.5 Mb/s

Service Category	oversubscription factor	actual_max_cr	actual_avail_cr
CBR	0.83	X	X
VBR-rt	0.95	X	X
VBR-nrt	0.95	X	X
ABR	0.95	X	X
UBR	X	X	X

701_1 \uparrow 701_2 \uparrow 701_3 \uparrow 701_4 \uparrow

FIG. 7

PRIORITY	RESERVED BANDWIDTH	CONN. PRESENT?
1	0	0
2	0	1
3	0	1
4	0	1
5	0	0
6	25	1
7	75	1
8	25	1
9	0	0
10	0	1
11	0	1
12	0	1
13	0	1
14	0	1
15	0	0
16	0	0

Service Category	oversubscription factor	actual_max_cr	actual_avail_cr
CBR	0.83	183 Mb/s	36.0 Mb/s
VBR-rt	0.95	163 Mb/s	31.5 Mb/s
VBR-nrt	0.95	163 Mb/s	31.5 Mb/s
ABR	0.95	163 Mb/s	31.5 Mb/s
UBR	X	X	X

FIG. 8

$\text{adv't_max_cr_cbr} = \emptyset$
 $\text{adv't_max_cr_vbr-rt} = \emptyset$
 $\text{adv't_max_cr_vbr-nrt} = \emptyset$
 $\text{adv't_max_cr_abr} = \emptyset$

$\text{adv't_avail_cr_cbr} = \emptyset$
 $\text{adv't_avail_cr_vbr-rt} = \emptyset$
 $\text{adv't_avail_cr_vbr-nrt} = \emptyset$
 $\text{adv't_avail_cr_abr} = \emptyset$

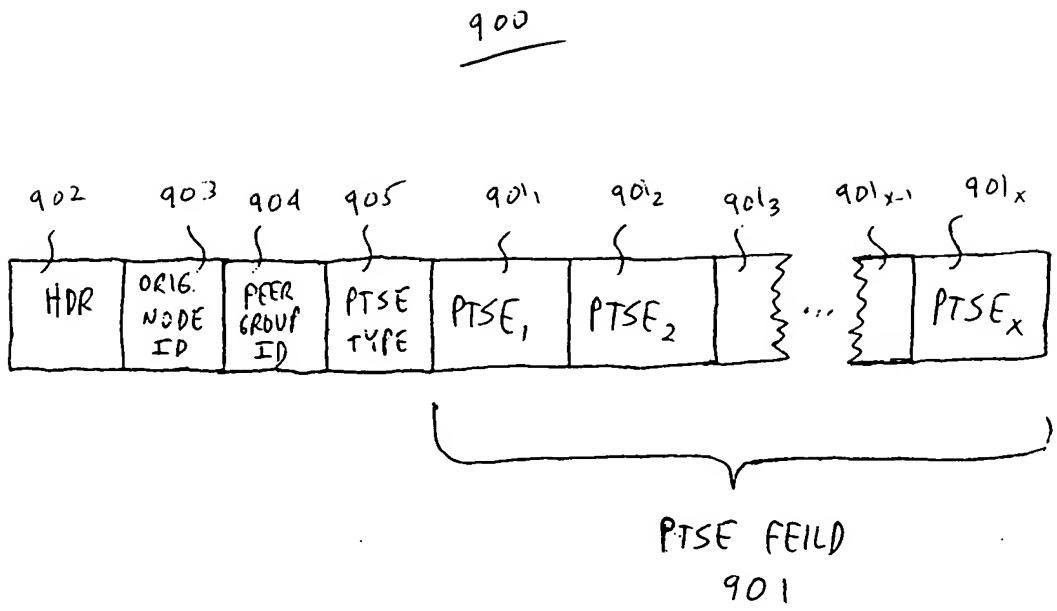


FIG. 9

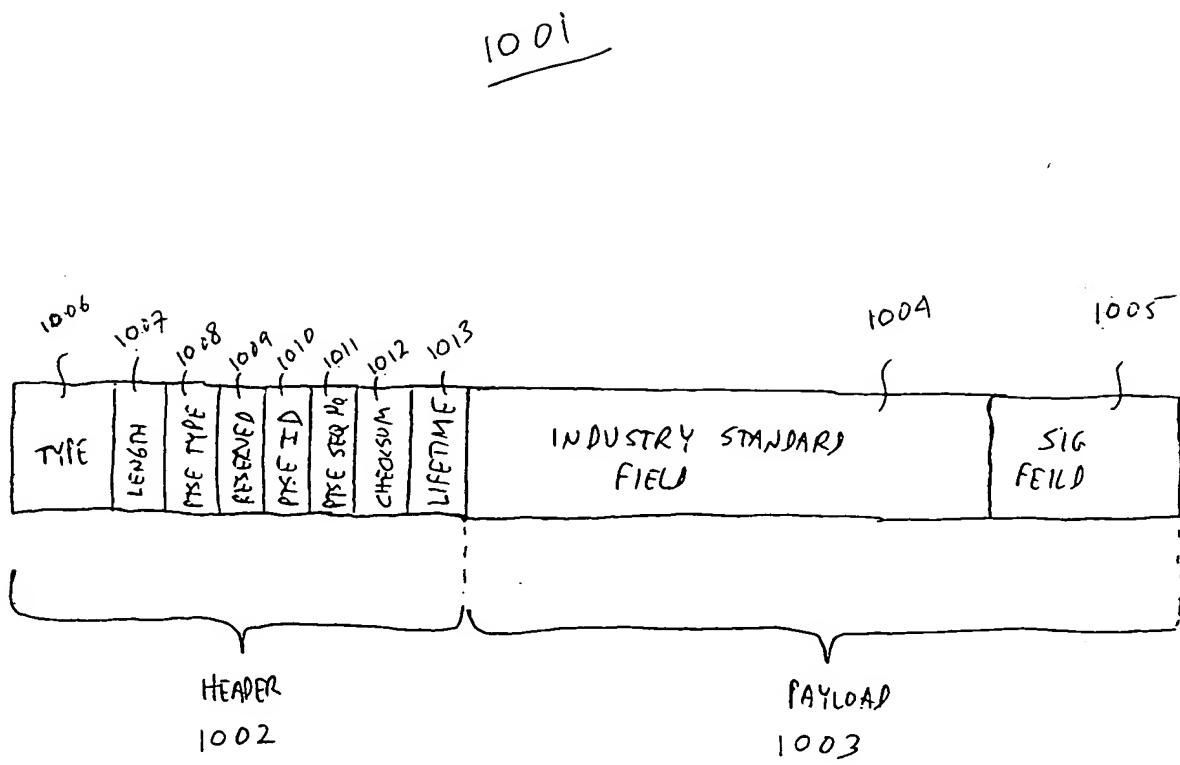
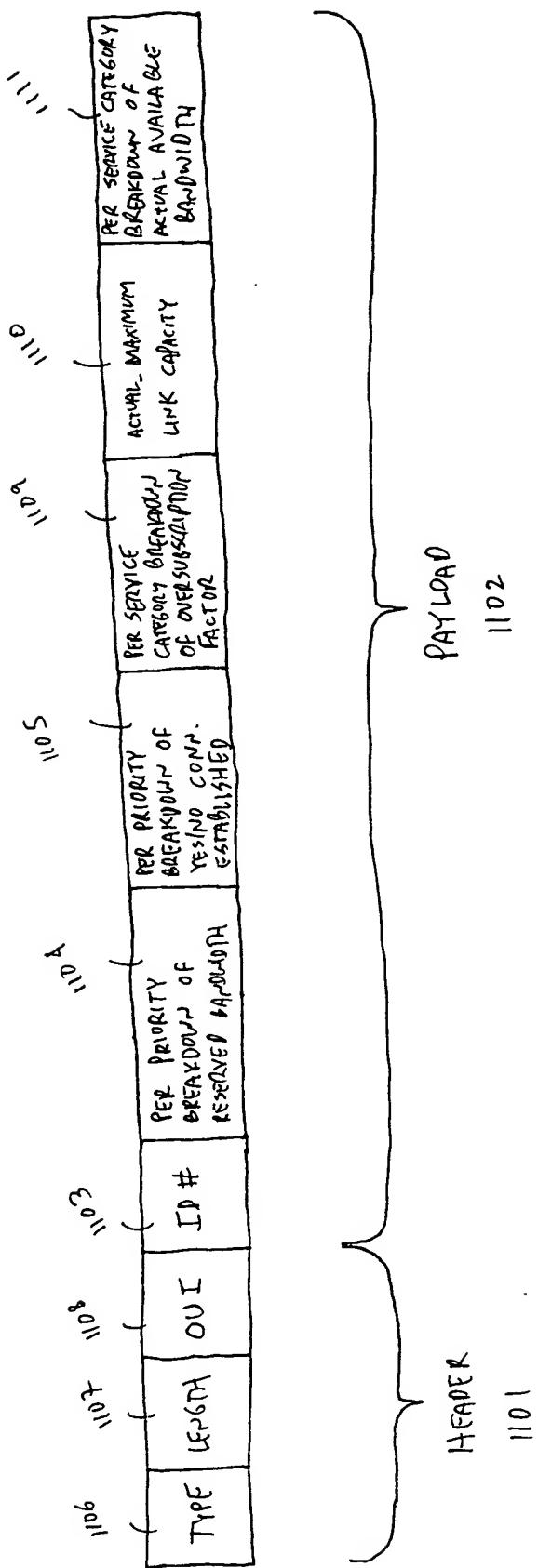


FIG. 10

FIG. 11



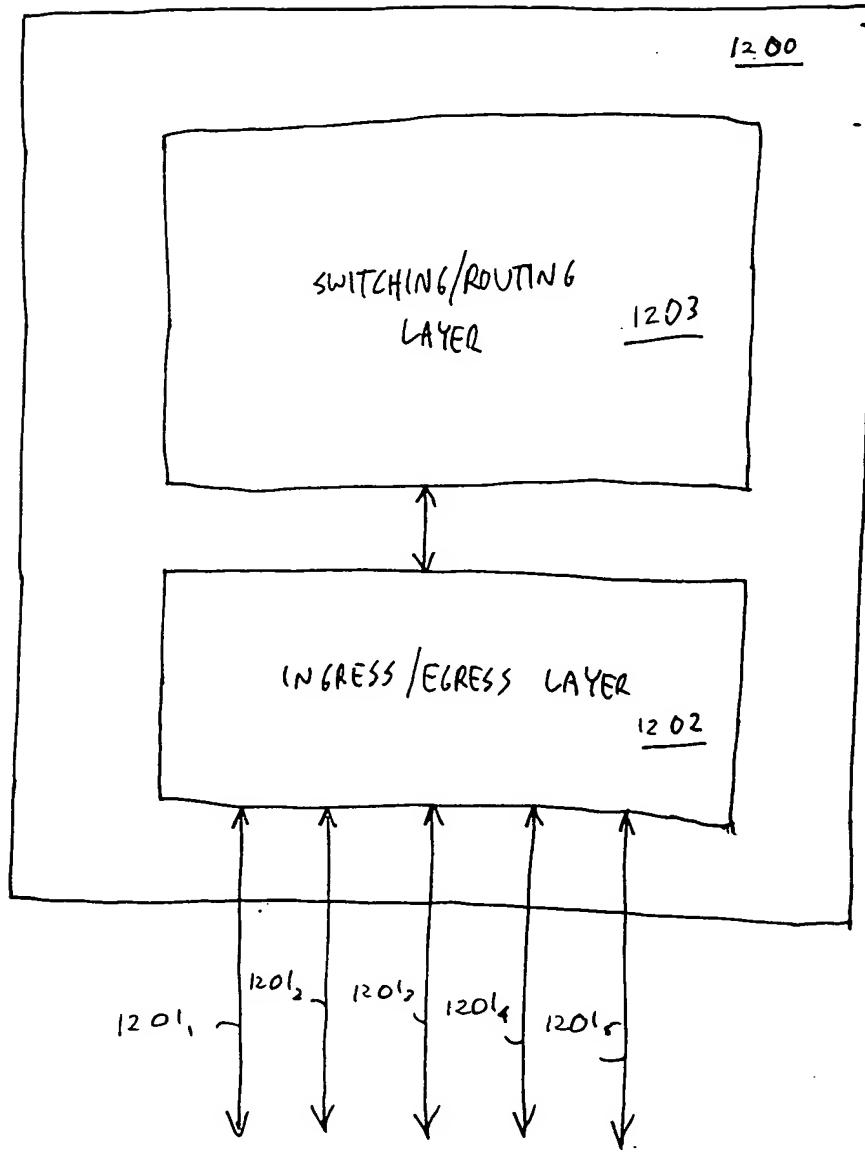


FIGURE 12